

Ship July 26

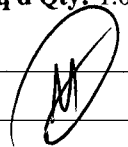
Work Order ID 163686

163686

Page 1

Thursday, July 06, 2017 10:43:01 AM

Item ID: D4888-041L02 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Dome Light Air Vent Assembly, Black
 Start Date: 7/10/2017 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 7/12/2017 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan:  Date: JUL 06 2017 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4888	A

100		0.00							DAS 07 9-89
100									
Small Fab	Memo	0.00							17/07/17
Small Fab	Pick Kit								

110		0.00							DAS 07 9-89
110									
Small Fab	Memo	0.45							17/07/17
Small Fab	Assemble as per Dwg D4888-041								

- 1) Install air vents
- 2) Install lights
- 3) Install rheostats
- 4) Install wiring harness

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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Work Order ID 163686

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163686

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Item ID: D4888-041L02 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Dome Light Air Vent Assembly, Black
 Start Date: 7/10/2017 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 7/12/2017 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC6- All purchased or subcontracted products Memo	0.00 0.00				1			DAS 38 9-89 JUL 17 2017
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: <u>MF</u> Memo	0.00 0.01				1			JUL 18 2017 DAS 6 9-89
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.10							17/7/18 JF DAS 21 9-89 JUL 18 2017

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Work Order ID: 163686

163686

Parent Item: D4888-041L02

D4888-041L02

Parent Item Name: Dome Light Air Vent Assembly, Black

Start Date: 7/10/2017

Required Date: 7/12/2017

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev A New Issue 13/09/13 DL

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4886-1 *D4886-1* Air Vent		Manufactured	No			100	Each	1.0000	2	2			DAS 07 9-89 17/07/17
									**				
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				MF005	160121	1							
					147622	1							
D4888-1L02 *D4888-1L02* Dome Light Housing, Black		Manufactured	No			100	Each	3.0000	1	1			DAS 07 9-89 17/07/06
									**				
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				MF006		3							
					158049	1							
					159621	2							
D4897-041 *D4897-041* Dome Light Wiring		Manufactured	No			100	Each	1.0000	1	1			DAS 07 9-89 17/07/06
									**				
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				MF007		1							
					147796	1							
D4898-1 *D4898-1* Screw, Stainless Steel		Manufactured	No			100	Each	158.0000	12	12			DAS 07 9-89 17/07/06
									**				
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				MF006		158							
					153289	58							
					162290	100							

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

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Work Order ID: 163686

163686

Parent Item: D4888-041L02

D4888-041L 02

Parent Item Name: Dome Light Air Vent Assembly, Black

Start Date: 7/10/2017

Required Date: 7/12/2017

Start Qty: 1.00

Required Qty: 1.00

D4906-1 Manufactured No

100 Each 15.0000 1 1

D4906-1

Knob

**

DAS
07
9-89

Location

Loc Qty

Loc Code

MF004

15

151529

5

162509

10

MS21042L06 Purchased No

100 Each 212.0000 12 12

MS21042L 06

Nut

**

DAS
07
9-89

Location

Loc Qty

Loc Code

ST303

212

m137320

12

m137391

100

m137851

100

NAS1149F0663P Purchased No

100 Each 250.0000 3 3

NAS1149F0663P

WASHER

**

DAS
07
9-89

Location

Loc Qty

Loc Code

ST260a

200

M137680

200

ST262

50

M136263

50

NAS1149FN632P Purchased No

100 Each 125.0000 12 12

NAS1149FN632P

Washer

**

DAS
07
9-89

Location

Loc Qty

Loc Code

ST264

125

m129163

25

m137391

100

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Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

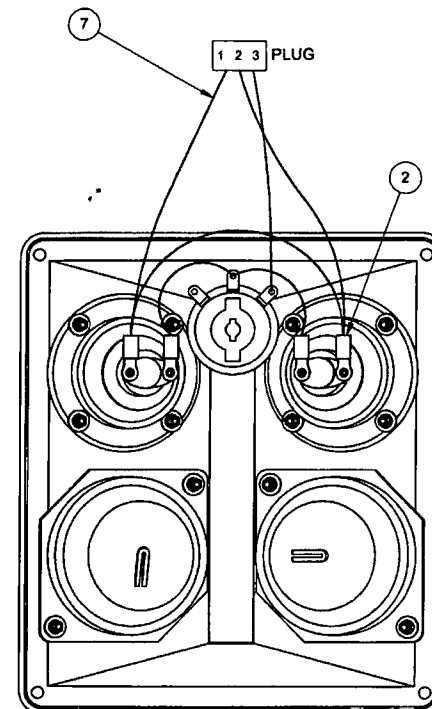
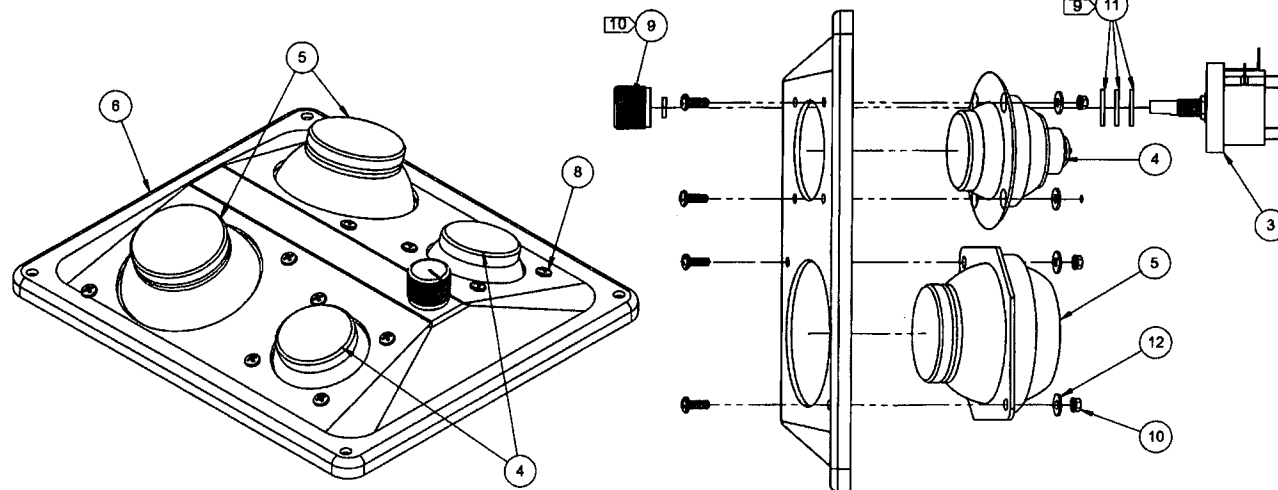
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ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION
1	X	D4888-041	DOME LIGHT AIR VENT ASSEMBLY
2	4	D4290-21 (REF)	RING TERMINAL (PART OF D4897-041)
3	1	D4884-1 (REF)	RHEOSTAT (PART OF D4897-041)
4	2	D4872-1 (REF)	LIGHT FIXTURE (PART OF D4897-041)
5	2	D4886-1	AIR VENT
6	1	D4888-1	DOME LIGHT HOUSING
7	1	D4897-041	DOME LIGHT WIRING HARNESS
8	12	D4898-1	SCREW
9	1	D4906-1	KNOB
10	12	MS21042L06	NUT
11	3	NAS1149F0663P	WASHER
12	12	NAS1149FN632P	WASHER

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 163686
JUL 06 2017



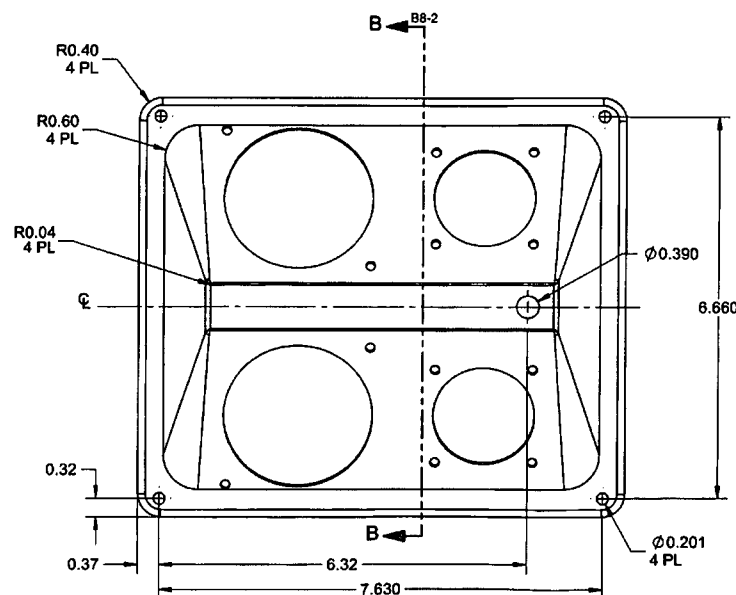
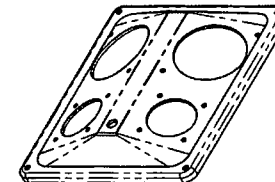
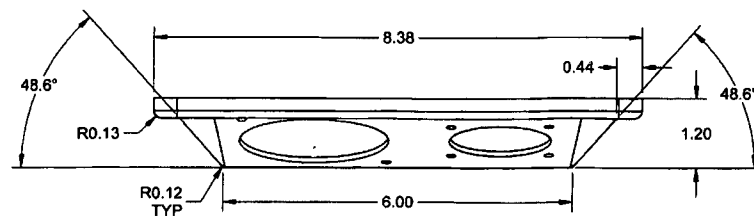
RELEASED
2013-09-16

D4888-041 DOME LIGHT AIR VENT ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
- 7) WEIGHT: 1.43 lbs
- 8) REPLACES GENEVA P/N GA129-12 P112-L
- 9) OPTIONAL: USE ADDITIONAL WASHERS TO SHIM AS REQUIRED
- 10) NUT INCLUDED WITH RHEOSTAT

A	NEW ISSUE	DESCRIPTION	BY	DATE
REV.				
DESIGN	OS	DART AEROSPACE USA, INC.		13.07.11
DRAWN	DC	KENT, WA		
CHECKED	DC	DRAWING NO.	REV. A	
MFG. APPR.	DC	D4888	SHEET 1 OF 3	
APPROVED	DC	TITLE	SCALE	
DE APPR.	DC	DOME LIGHT AIR VENT ASSY	NTS	
DATE	13.07.11	COPYRIGHT © 2013 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.		



SECTION B-B

B5-2

NOTES:

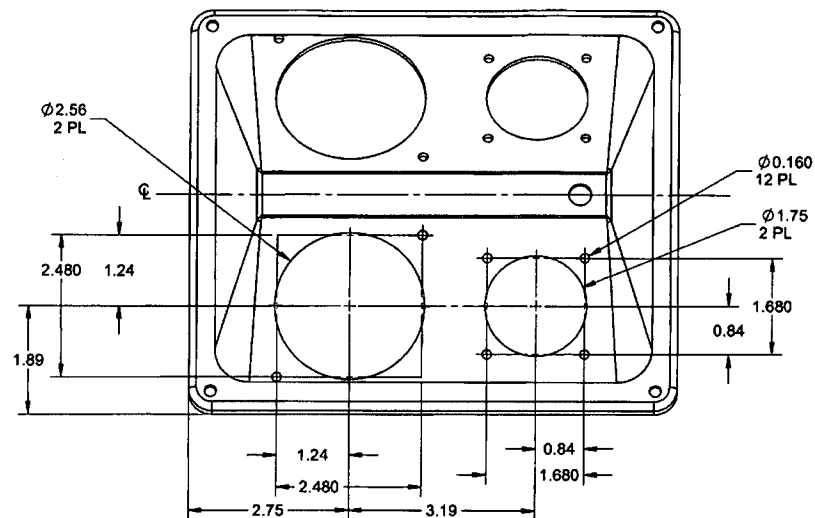
- 1) MATERIAL: SEE TABLE
- 2) TOOLING: THERMOFORM PER MOLD DT9932 PER QSI 022 TRIM PER DT9932
- 3) FINISH: N/A
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 7) IDENTIFICATION: N/A
- 8) WEIGHT: 0.22 lbs
- 9) REPACES GENEVA P/N GA129-7
- 10) PART SHAPE AND GEOMETRY IS CONTROLLED BY TOOLING
- 11) MINIMUM THICKNESS AFTER FORMING IS 0.060" FOR FLANGES AND 0.070" ELSEWHERE

D4888-1 DOME LIGHT HOUSING

PART NUMBER	DESCRIPTION
D4888-1LBL	F6006 SUEDE/POLISHED 701 BLACK LEXAN SHEET 0.093 THICK (REF DART SPEC MLEXS.093-F6006-02)
D4888-1LLG	F6006 SUEDE/POLISHED GY5B133 LIGHT GREY LEXAN SHEET 0.093 THICK (REF DART SPEC MLEXS.093-F6006-07)

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MFG. APPR.		
APPROVED		
DE APPR.		DRAWING NO. D4888 TITLE DOME LIGHT AIR VENT ASSY DATE 13.07.11
		REV. A SHEET 2 OF 3 SCALE NTS COPYRIGHT © 2013 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.

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VIEW A-A
B2-2

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MFG. APPR.		D4888	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		DOME LIGHT AIR VENT ASSY	
DATE	13.07.11	NTS	
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